

BRYOPHYTA EXOTICA VIII:
MOSSES OF SRI LANKA - COLLECTIONS OF C. RUINARD

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The list given here concerns the collections of C. Ruinard in Sri Lanka in February 1978 (See the routes and localities). 197 are listed, 6 are new for the island, i.e., *Elmeriobryum philippinense*, *Epipterygium tozeri*, *Fissidens intromarginatulus*, *Leucoloma annamense*, *Leucophanes nicobaricum*, *Physcomitrium eurystomum*.

ROUTE AND COLLECTING LOCALITIES OF C. RUINARD

February 1978

- 4th - - - Homagama
- 5th - - - Maharagama - Avisawella - Kitulgala - Maharagama
- 6th - - - Maharagama
- 7th - - - Maharagama - Kegalle - Peradeniya
- 8th - - - Peradeniya
- 9th - - - Ritigala strict natural reserve (Anuradhapura District)
- 10th - - Midlands, road from Rattota to Ilukkumbura (Matale District)
- 11th - - Hunasgiriya Hill, Kandy District (West of Madulkele)
..... Peradeniya Gardens
- 12th - - Knuckles, approach from Lebanon Estate (Kandy District)
- 13th - - Rangala to Corbet's Gap (Kandy District)
- 14th - - Peradeniya herbarium
- 15th - - Corbet's Gap to Rangala
- 16th - - Peradeniya herbarium to Horton Plains (Nuwara Eliya District)
- 17th - - Horton plains: Small World's End road, Diyagama road
- 18th - - idem : Ohiya road to Ella
- 19th - - Ella - Hakgala gardens and forest - Nuwara Eliya
- 20th - - Pidurutalagala from Nuwara Eliya
- 21st - - Hakgala garden and forest reserve
- 22nd - - Nuwara Eliya to Maskeliya..... Sri Pada (Adam's Peak) from Moray estate, Kandy District
- 23rd - - Sri Pada (Adam's Peak) descent to Carney (Ratnapura District)
- 24th - - Sinharaja forest, approach from Weddagala (Ratnapura District)

- 25th - - Nawalakanda and Kodipillikanda (Ratnapura District) .. to Peradeniya
- 26th - - Sudugala off Eratna, Adam's Peak Wilderness.. to Peradeniya
- 27th - - Peradeniya herbarium
- 28th - - Peradeniya herbarium
- 29th - - Katunayake (Orient Pearl Hotel)

Fissidens anomalus Mont., Ann. Sc. Nat. Bot. ser. 2, 17: 252. 1843.

Hakgala forest, 19.2.1978, on trees, R19/138, on boulder,
Adam's Peak, Carney side, 23.2.1978, under tree, R 23/133.

Western Himalaya, South India, Sri Lanka, Assam, Burma, Thailand, Vietnam
Java, Phillippines, Yunnan.

Fissidens ceylonensis Doz. & Molk. Ann. Sc. Nat. Bot. ser.3, 2 : 304.
1844.

Yatiantota, on rock left side of Road, R. s.n. - Thalduwa, 5.2.1978,
on boulder, R 5/30 - From Rangala to Corbet's Gap, 13.2.1978, tree
base, R 13/65.

From Western Himalaya to Yunnan and New Zealand.

Fissidens fuscoviridis Thw. & Mitt., J. Linn. Soc. Bot. 13 : 323.1873.

Knuckles from Lebanon Estate, 12.2.1978, small trees, R 12/117.

Endemic.

Fissidens intromarginatulus Bart., Rev. Bryol. Lichenol. 23 : 242.
1954.

Maharagama, 6.2.1978, garden wall, R 6/68, foot of coconut tree,
R 6/63-2

Western Himalaya, South India, Upper Burma.

Fissidens mittenii Par., Ind. Bryol. 447. 1896.

Sudugala, Adam's Peak Wilderness, 26.2.1978, on rock, R 26/8.

East Nepal, South India, Sri Lanka, Indochina, Western Malesia, Taiwan,
Ryu-Kyu.

Fissidens nobilis Griff., Calc. J. Nat. Hist. 2 : 505. 1842.

Hakgala Gardens, 21.2.1978, on stone in path, R 21/4 - Sinharaja forest
24.2.1978, rock near water, R 24/76.

From Western Himalaya to New Guinea and from Sri Lanka to Japan.

Fissidens sylvaticus Griff., Calc. J. Nat. Hist. 2 : 507. 1842.

Kadugannava, 7.2.1978, close to water, R 7/73 - Midlands, 10.2.1978,
wet rock clefts, R 10/104 - From Rangala to Corbet's Gap, 13.2.1978,
in forest near a small waterfall, R 13/26 - Horton Plains, World's End
road, 17.2.1978, fallen wood, R 17/17 - Nawalakanda and Kodipillikanda
25.2.1978, shaded soil, R 25/5.

From Africa to New Caledonia and Japan.

Garckea comosa (Doz. & Molk). Wijk & Marg., Taxon, 9:190. 1960.

Homagama, Galawila Estate, 4.2.1978, roadside bank, R 4/5.

Cosmopolitan in tropics of the two hemispheres.

Ditrichum amoenum (Thw. & Mitt.). Par., Ind. Bryol. 391. 1896.

Horton Plains, Diyagama Road, 17.2.1978, roadside bank, R 17/65.

Southern India, Sri Lanka.

Ceratodon purpureus Brid., Bryol. Univ. 1 : 480. 1826.

From Corbet's Gap to Rangala, 15.2.1978, on small boulder, R 15/4.

Cosmopolitan.

Dicranella coarctata (C. Muell). Bosch & Lac., Bryol. Jav. 1 : 84.
1858.

Midlands, 10.2.1978, sunny soil, R 10/10 - From Corbet's Gap to
Rangala, 15.2.1978, on rocks low and shaded with herbs, R 15/32 - small
World's End Road, 17.2.1978, on tree base, R 17/24.

Sri Lanka, Pegu, Java, Phillippines, Taiwan.

Microdus brasiliensis (Duby) Ther., Bull. Herb. Boissier, ser. 2 :
277- 278. 1907.

Midlands, 10.2.1978, on ground, R 10/159-1.

Sri Lanka, Indochina, Malesia, Brazil, Himalaya.

Microcamoylopus subnanus (C.Muell.) Fleisch. Musci Fl. Buitenzorg, 1:60. 1904.

Pidurutalagala, 20.1978, tree base and around it, R 20/51.

Java.

Campylopodium khasianum (Griff). Par., Ind. Bryol. 237. 1894.

From Corbet's Gap to Rangala, 15.2.1978, R 15/29.

Sri Lanka, Himalaya, South India.

Campylopus aureus Bosch & Lac., Bryol. Jav. 1 : 80. 1858.

Knuckles from Lebanon Estate, 12.2.1978, on exposed tree (*Syzygium* sp.)
R 12/84-2 - Horton Plains, Ohiya Road, 18.2.1978, R 18/100 - Ella to
Hakgala Gardens, 19.2.1978, on tree at 50 cm from ground, R 19/134-2-
Sri Lanka, Java, Nicobar islands, Sulawesi.

Campylopus caudatus (C.Muell). Mont. in Doz. & Molk., Bryol. Jav. 1:78
1855.

Midlands, 10.2.1978, on soil, in sunny place, R 10/11 - Horton Plains,
Little World's End road, 17.2.1978, upper side road bank, R 17/42 - Ella,
Hakgala Gardens, 19.2.1978, loose on rocks, R 18/125-1 - Adam's Peak,
23.2.1978, on tree stump, R 23/127 - idem, on path near a brook, R 23/152.

India, Malesia, Sri Lanka.

Campylopus exasperatus Brid., Bryol. Univ. 1:473. 1826.

From Corbet's Gap to Rangala, 15.2.1978, R 15/29

Sri Lanka, Java, Borneo, Luzon, Sulawesi, Hawaii.

Campylopus flexuosus (Hedw.) Brid., Mant. Mus. 4: 714. 1819.

Horton Plains, Ohiya Road, 18.2.1978, on path to tea estate, R 18/101-2
Nawalakanda et Kodipillikanda, 25.2.1978, rock more shaded, R 25/4.

Cosmopolitan, known from Sri Lanka fide Frahm.

Campylopus goughii (Mitt). Jaeg., Ber. S. Gall Naturw. Ges. 1870-71:
417. 1872.

From Corbet's Gap to Rangala, 15.2.1978, on tree, R 15/10-1 - Horton Plains, small World's End Road, 17.2.1978, grassland, 10 m from brook, R 17/5 - Mount Pidurutalagala, 2,000 m, 20.2.1978, exposed tree, R20/45-1 Ella to Hakgala Garden, 22.2.1978; opposite Devon falls on ground beside road, R 22/2.

Sri Lanka and Southern India.

Campylopus gracilis (Mitt.) Jaeg., Ber. S. Gall Naturw. Ges. 1870-71: 427. 1872.

Maharagama/Peradeniya, 5.2.1978, on rock, R 5/70 - From Corbet's Gap to Rangala, 15.2.1978, on rock, R 15/26 - Horton Plains, World's End Road, 17.2.1978, on trees, R 17/9-3 - idem, Diyagama Road, exposed tree, R 17/46 - Hakgala Forest Reserve and Garden, 21.2.1978, on path, R 21/10.

Sri Lanka, Himalaya, Upper Burma, Thailand, China.

Campylopus introflexus (Hedw.) Brid., Mant. Musc. 72. 1819.

Hunasgiriya Kande, 11.2.1978, on rather moist soil, R 11/5 - Knuckles from Lebanon estate, 12.2.1978, on boulders, R 12/61.

Cosmopolitan.

Campylopus laetus (Mitt.) Jaeg., Ber. S. Gall Naturw. Ges. 1870-71: 41. 1872.

Horton Plains, World's End Road, 17.2.1978, on tree, R 17/22-4.

Sri Lanka, Himalaya, Southern India, Burma.

Campylopus nietnerii (C.Muell.) Jaeg., Ber. S. Gall Naturw. Ges. 1870-71: 423. 1872.

From Rangala to Corbet's Gap, 13.2.1978, bare rock, R 13/9 - Adam's Peak, Carney Side, 23.2.1978, on decaying tree stump, R 23/158.

Sri Lanka and Southern India.

Campylopus umbellatus (W. Arn.) Par., Ind. Bryol. 264. 1894.

Midlands, 10.2.1978, moist roadside, R 10/137-1 - idem, dry rock R 10/120 - Knuckles from Lebanon Estate, 12.2.1978, R 12/60-2 - From Rangala to Corbet's Gap, 13.2.1978, on boulder, R 13/13 - Horton Plains, Ohiya road, 18.2.1978, R 18/01 - Mount Pidurutalagala, 2 100 m, 20.2.1978, on ground, R 20/40 - Adam's Peak from Moray Estate, 22.2.1978, on path, R 22/19 - Nuwara Eliya to Maskeliya, 22.2.1978, on boulder under bamboo, R 22/18-1 - idem, on tree base, R 22/3 - idem, on boulder in waterfall, R 22/32-4 idem, on path, 22/19.

Tropical Asia and Australasia.

Campylopus reduncus (Reinw. & Hornsch.) Bosch & Lac. Bryol. Jav. 1:75.1858.

Horton Plains, Ohiya Road, 18.2.1978, low on exposed tree, R 18/91.

Java, Ceylon.

Dicranoloma leucophyllum (Hampe) Par., Ind. Bryol. ed. 2, 2 : 27.1904.

Horton Plains, Diyagama Road, 17.2.1978, on trunk in forest, R 17/44,
R 17/55 - Mount Pidurutalagala, 20.2.1978, fallen decaying trunk, R
R 20/42-2 - Sri Pada, 22.2.1978, not far from summit of Adam's Peak,
R 22/112-1.

Sri Lanka, Java, Sumatra, Philippines.

Leucoloma amoeno-virens Mitt., J. Linn. Soc. Bot. Suppl. 1 : 13. 1859

Ritigala, 9.2.1978, on tree, R 9/29-1, R 9/132 - Sinharaja Forest,
24.2.1978, loose on boulder, R 24/33.

Sri Lanka, southern India, Vietnam.

Leucoloma annamense Ther., Rec. Publ. Soc. Havraise Etud. Div. 1919 :
34 : 1919.

Knuckles from Lebanon Estate Forest, 12.2.1978, boulder in a brook,
R 12/94 - Adam's Peak from Moray Estate, 22.2.1978, thickly mossed
boulder, R 22/47-2.

Malaya, Vietnam.

Leucoloma chlorophyllosum Card. in sched.

Ritigala, 9.2.1978, on tree trunk, R 9/119.

Sri Lanka.

Leucoloma molle (C. Muell.) Mitt., J. Linn. Soc. Bot. Suppl. 1 : 13.
1859.

Hunasgiriya Kande, forest, 11.2.1978, on boulder, R 11/11, R 11/36-1
Adam's Peak, Carney Side, 23.2.1978, R 23/155.

From Sri Lanka to Pacific Islands, Hawaii, Japan, China.

Leucoloma nitens. (Thw. & Mitt.) Jaeg., Ber. S. Gall Naturw. Ges. 1877-78: 379. 1880.

From Rangala to Corbet's Gap. 13.2.1978, R 13/67 - Hakgala forest, 19.2.1978, fallen tree trunks, R 19/152-1 - Nuwara Eliya to Maskeliya, 22.2.1978, on tree stumps, R 22/21, R 22/102.

Sri Lanka.

Leucoloma taylorii (Schwaegr.) Mitt., Kew J. Bot. 8: 355. 1856.

Ritigale, 9.2.1978, on boulder, R 9/108.

Southern Asia.

Leucoloma tenerum Mitt., Kew J. Bot. 8 : 353. 1856.

From Corbet's Gap to Rangala, 15.2.1978, on tree, R 15/49 - Nuwara Eliya to Maskeliya, 22.2.1978, strongly attached to boulder, R 22/38.

Sri Lanka.

Braunfelsia edentula (Mitt.) Wijk & Marg., Taxon 7 : 289. 1958.

Mount Pidurutalagala, 20.2.1978, on trees c. 2m, R 20/21 - From Nuwara Eliya to Maskeliya, 22.2.1978, R 22/92 - Adam's Peak from Moray Estate, 22.2.1978, boulder, 22/9-1, Wet rock, R 22/83-1.

Sri Lanka.

Octoblepharum albidum Hedw., Spec. Musc. 50. 1801.

Nawalakanda and Kodipillikanda, 25.2.1978, base of small trees, R 25/1, tree trunk,

Pantropical.

Leucobryum bowringii Mitt., J. Linn. Soc. Bot. Suppl. 1 : 26. 1859.

Hunasgiriya Kande, 11.2.1978, base of trunk, R 11/31-1 - Knuckles from Lebanon Estate, 12.2.1978, path side, R 12/58, R 12/89-2, forest near brook, R 12/100 - Hakgala Gardens, 19.2.1978, decaying tree trunk, R 19/165-1 - Sri Pada, 22.2.1978, on boulder, R 22/39-2 - Adam's Peak from Moray Estate, 22.2.1978, tree root, R 22/5-2, R 22/97-2 Adam's Peak, Carney Side, 23.2.1978, open place beside path, R 23/176.

From Sri Lanka to China, Japan and New Caledonia.

Leucobryum candidum (P.Beauv.) Wils., in Hook.f, Fl. Nov. Zealand. 2:64. 1854.

Adam's Peak, Carney Side, open place beside path, 23.2.1978, R 23/176.

From Népal to New Zealand.

Leucobryum ceylanicum (Besch.) Card., Mem. Soc. Sc. Nat. Cherbourg.
32 : 15 1901.

Adam's Peak from Moray Estate, 22.2.1978, thickly mossed boulder,
R 22/67.

Sri Lanka.

Leucobryum javense (Brid.) Mitt., J. Linn. Soc. Bot. Suppl. 1 : 25.
1859.

From Rangala to Corbet's Gap, 13.2.1978, decaying tree stumps in forest
R 13/25 - Sri Pada, 22.2.1978, on ground between bamboos, R 22/6,
R 22/10-1 - Adam's Peak from Moray Estate, 22.2.1978, tree trunk,
R 22/97-2 - Sinharaja Forest, 24.2.1978, on tree, R 24/132.

Southern India, Sri Lanka, Indochina, Southern China, Malesia.

Leucophanes octoblepharioides Brid., Bryol. Univ. 1 : 763. 1326.

Yatiantota, 5.2.1978, on palm trunk, R 5/39 - Gal Oya, 9.2.1978,
R 9/21-1.

Tropical countries spreading from Nepal eastwards to Pacific Islands.

Leucophanes nicobaricum C. Muell. ex Gangulee, Mosses Eastern India,
1 : 438-439, 1969-1972.

Sudugala, Adam's Peak Wilderness, 26.2.1978, R 26/2-3.

close to the diagnosis given by Gangulee but without spicules on the
back of the nerve. Traces of propagules at the top of the leaves.

Nicobar Islands.

Syrrhopodon croceus Mitt., J. Linn. Soc. Bot. Suppl. 1 : 41. 1859.

Sinharaja Forest, 24.2.1978, here and there on bare boulder, R 24/12,
R 24/100-1 - Sudugala, Adam's Peak Wilderness, 26.2.1978, R 26/35

From Sri Lanka to New Caledonia.

Syrrhopodon gardnerii (Hook.) Schwaegr., Spec. Musc. Suppl. 2, 1 : 110. 1824.

From Rangala to Corbet's Gap. 13.2.1978, thick mossed tree, upper side, R 13/61-3.

Pantropical.

Syrrhopodon muellerii (Doz. & Molk.) Lac., Bryol. Jav. 2 : 224. 1870.

Sinharaja Forest, 24.2.1978, thin tree trunk, R 22/17-2.

From Sri Lanka to New Caledonia.

Syrrhopodon tristichus Nees ex Schwaegr., Spec. Musc. Suppl. 4 : 316b. 1842.

Hunasgiriya Kande, 11.2.1978, on base of tree trunk, R 11/36-1, R11/172
Knuckles from Lebanon Estate, 12.2.1978, on dead tree, R 12/123-2 -
Adam's Peak Wilderness, 26.2.1978, on trunk 26/9, tree base and roots,
R 26/100-2.

From Sri Lanka to New Hebrides.

Mitthyridium fasciculatum (Hook. & Grev.) Robinson, Phytopathologia 32 : 433. 1975.

Sinharaja Forest, 24.2.1978, on dead tree, R 24/94.

From Southern India to Mauritius and Chile.

Calymperes contractum Besch., Ann. Sc. Nat. Bot. ser. 8, 1 : 280. 1896.

Kitulgala Rest House, tree by river, 5.2.1978, R 5/44 - Sinharaja Forest, 24.2.1978, decaying trunk over the brook, R 22/61-4.

Sri Lanka.

Calymperes dozyanum Mitt., J. Linn. Soc. Bot. Suppl. 1 : 124. 1859.

Homagama, Kitulgala, on Mara tree on sunny side, 5.2.1978, R 5/10, R 5/12.

South East Asia.

Calymperes nietnerii C. Muell., Bot. Zeit. 22 : 348. 1884.

From Rangala to Corbet's Gap, 13.2.1978, on tree, R13/62-2.

Sri Lanka, Java, Borneo.

Calymperes serratum from Sri Lanka to Japan and New Caledonia.
Adam's Peak from Moray Estate, 22.2.1978, decaying wood, R 22/53 -
Sinharaja Forest, 24.2.1978, shaded rock above brook, R 24/79-1 on
boulder, R 24/36 - Nawalakanda and Kodipillikanda, 25.2.1978, boulder
in brook, R 25/13.

Calymperes thwaitesii Besch., Ann. Sc. Nat. ser. 8. 1 : 270, 306.
1896.

Ritigale, 9.2.1978, on boulder, R 9/120.

Sri Lanka.

Calymperes thwaitesii Besch. var. *fordii* (Besch.) Fleisch., Musc. Fl.
Buitenzorg. 1 : 240, 258. 1904.

Hunasgiriya Kande, 11.2.1978, on roots of *Rethryceum guianensis*,
R 11/53.

Sri Lanka, Indochina, Malesia, Hong Kong.

Hydrogonium consanguineum (Thw. & Mitt.) Hilp., Beih. Bot. Centralbt.
50. 2 : 626. 1933.

Sinharaja Forest, 24.2.1978, sand near roadside, R 24/135 - s.l. 29.
2.1978, R 29/1.

Western Himalaya, Sri Lanka, Southern India, Indochina, Western Malesia
to New Guinea, Taiwan, China.

Hydrogonium inflexum (Duby) Chen, Hedwigia 80 : 249. 1941.

From Rangala to Corbets Gap, 13.2.1978, boulder in waterfall and near
waterfall, R 13/30.

Sri Lanka, Java.

Hydrogonium javanicum (Doz. & Molk.) Hilp., Beih. Bot. Centralbt. 50,
2 : 627. 1933.

Nawalakanda et Kodipillikanda, 25.2.1978, wet rock, R 25/32.

Nepal, Himalaya, Chittagong, Sri Lanka, Java, Sulawesi.

Hydrogonium pseudo-ehrenbergii (Fleisch). Chen, *Hedwigia* 80:242.1941.

From Nuwara Eliya to Maskeliya, 22.2.1978, on shrub, R 22/16-3.

South East Asia.

Hymenostomum edentulum (Mitt.) Besch., Bull. Soc. Bot. France 34 : 95. 1887.

Knuckles from Lebanon Estate, tea estate, 12.2.1978, roadside bank, R 12/67.

An Indo-pacific species from Southern Asia to China and New Caledonia.

Hyophila involuta (Hook.) Jaeg., Ber. S. Gall Naturw. Ges. 1871-72: 354. 1873.

Yatiantota, 5.2.1978, trunk of Areca palm, R 5/40 - Maharagama, garden wall, 6.2.1978, R 6/67 - Midlands, 10.2.1978, roadside bank, shaded, R 10/101 - From Corbet's Gap to Rangala, 15.2.1978, on concrete wall, R 15/14 - idem, 15.2.1978, old tea estate, small boulder, R 15/5 Nuwara Eliya, 20.2.1978, hanging on roadside bank, R 20/2-2

Pantropical in palaeotropics.

Oxystegus cylindricus (Brid.) Hilp., Beih. Bot. Centralbt. 50,2:666 1933.

Midlands, 10.2.1978, low on dry rock, R 10/129, on tree R 10/161-1, moist part of roadside bank, R 10/111, R 10/137-2, R 10/165-2 - From Rangala to Corbet's Gap, 13.2.1978, on earth, R 13/6- on rock 13/46 - From Corbet's Gap to Rangale, 15.2.1978, on some soil on rock, R 15/6 bare roadside bank, R 15/8, on rock, R 15/30-1 - From Nuwara Eliya to Maskeliya, 22.2.1978, very moist, in this time more or less wet, R 22/45.

Almost cosmopolitan.

Trichostomum hyalinoblastum (Broth.) Broth., Nat. Plf. 1, 3:394.1902.

From Rangala to Corbet's Gap, 13.2.1978, roadside bank under tea plantation, R 13/13, boulders in brook under bridge, R 13/34.

Southern India.

Tortella ceylonensis Fleisch. ex Dix. Notes R. Bot. Gard. Edinburgh. 19 : 284. 1938.

Knuckles from Lebanon Estate, forest, 12.2.1978, pathside, R 12/72 - Adam's Peak from Moray Estate, 22.2.1978, young tree, R 22/75-1.

Sri Lanka.

Pseudosymblepharis angustata (Mitt.) Hilp., Beih. Bot. Centralbt. 50. 2 : 620. 1933.

Adam's Peak, Carney Side, 23.2.1978, boulders near brook, R 23/163.

Sri Lanka, Java.

Pseudosymblepharis duriuscula (Wils.) Chen, Hedwigia 80 : 153. 1941.

Horton Plains, Worlds End Road, 17.2.1978, boulder beside the path, R 17/30, on mossy trunk, R 17/62-2 - Adam's Peak from Moray Estate, 22.2.1978, thickly mossed boulder, R 22/47-2.

Sri Lanka.

Pseudosymblepharis subduriuscula (C. Muell.) Chen, Hedwigia 80.152. 1941.

Horton Plains, Little Worlds End Road, 17.2.1978, roadside bank upper side under herbs, R 17/51 - Ella..... Hakgala, gardens and forest, 19.2.1978, on soil and stones on path side, R 19/122-2- Hakgala Gardens 21.2.1978, between shrubs, R 21/17.

China, Philippines, Borneo.

Semibarbula orientalis (Web.) Wjick & Marg., Taxon, 8 : 75. 1959.

Avisawella, 5.2.1978, on side of garden wall, R 5/14 - Horton Plains, Ohiya road, 18.2.1978, roadside bank, R 18/72.

Sri Lanka, India, Java, Borneo, Eastern China.

Racomitrium crispulum (Hook. f. & Wils.) Hook. f. & Wils. fide Bartram, Lloydia 5 : 258. 1942.

Nuwara Eliya, Mount Pidurutalagala, 2,000 m, 20.2.1978, on exposed boulder, R 20/19.

Sri Lanka, Java, Australasia to new Zealand and subantarctic regions, Southern America, Colombia, Peru, Ecuador, Bolivia.

Epipterygium tozeri (Grev.) Lind., Oefv. Svensk Vet. Ak. Foerh. 21 : 576. 1865.

From Corbet's Gap to Rangala, 15.2.1978, on boulder very moist, *R 15/54-4*- Adam's Peak, Carney Side, 23.2.1978, top of boulder, *R 23/134*.

Cosmopolitan in temperate regions, Java, Himalaya.

Pohlia hampeana (Lac.) Broth., Monsumia 1 : 45. 1900.

Horton Plains, Diyagama road, 17.2.1978, fallen branch over brook, *R 17/39*.

Sri Lanka, Java, Sulawesi.

Brachymenium exile (Doz. & Molk.) Doz. & Molk., Bryol. Jav. 1 : 139. 1860.

From Corbets Gap to Rangala, 15.2.1978, vertical rock low and shaded by grass, *R 15/31* - Horton Plains, Ohiya road, 18.2.1978, roadside on bridge, *R 18/66-2*.

Sri Lanka, Himalaya, Southern India, Indochina, Western Malesia, China, Japan. Hawaii.

Brachymenium nepalense Hook. ex Schwaegr., Spec. Musc. Suppl. 2 : 131. 1824.

Midlands, 10.2.1978, on wet rock clefts, *R 10/103*.

From Central Affrica to Japan and Vladivostock.

Anomobryum nitidum (Mitt.) Jaeg., Ber.S. Gall Naturw. Ges. 1873-74 : 142. 1875.

Hakgala forest, 19.2.1978, trench, *R 19/168-2* - Adam's Peak, Carney Side, 25.1.1978, summit, *R 23/123-1*

Sri Lanka, Himalaya.

Bryum ambiguum Duby in Moritizi, Syst. Verz. Zolling. Pfl. 132. 1846.

Hunasgiriya Kande, 11.2.1978, *R 11/3-1* - Sinharaja Forest, 24.2.1978, *R 24/51*.

Sri Lanka, Sumatra, Java, Vietnam (Bac Bo).

Bryum argenteum Hedw., Spec. Musc. 181. 1801.

Knuckles from Lebanon Estate, 12.2.1978, R 12/146-1.

Cosmopolitan.

Bryum coronatum Schwaegr., Spec. Musc. Suppl. 12. 103. 1816.

Horton Plains, Ohiya road, 18.2.1978, R 18/97.

Pantropical.

Bryum nitens Hook., Icon. Pl. Pl. 1. 1836; Harv., Hook. Bot. J. 2 : 9. 1840.

Ratnapura, 26.2.1978, on Mara tree, R 26/1-2.

From South Africa to Oceania.

Bryum porphyroneuron C. Muell. var. *erythrinum* Fleisch. in Broth, Nat. Pfl. 1, 3 : 590. 1904.

Nitigale, 9.2.1978, stone on path, R 9/102 - Midlands, 10.2.1978, wet rock clefts, R 10/103.

Sri Lanka, Himalaya, Khasia Hills, Soth India, Java, Sumatra.

Bryum ramosum (Hook.) Mitt., J. Linn. Soc. Bot. Suppl. 1 : 75. 1859.

Hunasgiriya Kande, 11.2.1978, path side under ferns, R 11/14. , on tree, R 11/45.

cosmopolitan.

Bryum wightii Mitt., Linn. Soc. Bot. Suppl. 1 : 74. 1859.

From Rangala to Corbets Gap, 13.2.1978, on moist earth, R 13/8 - From Corbets Gap to Rangala, 15.2.1978, rock, R 15/33 - Adam's Peak from Moray Estate, 22.2.1978, wet rock, R 22/8 - Adam's Peak, Carney side, 23.2.1978, moist boulder, R 23/136.

Endemic ?

Rhodobryum giganteum (Schwaegr.) Par., Ind. Bryol. 1116. 1898.

Ella..... Hakgala gardens, 19.2.1978, loose on rocks, R 19/125-2 - Sri Pada, 22.2.1978, on boulder, R 22/48.

From Mascarenhas to Japan, Hawaii and New Guinea.

Rhodobryum roseum (Hedw.) Limp., Laubm. Deutsch. Oester. Schweiz 4 : 222. 1892.

From Rangala to Corbet's Gap, 13.2.1978, on soil on boulder, R 13/50.

Almost cosmopolitan.

Plagiomnium rostratum (Schrader.) Kop., Ann. Bot. Fennici. 5 : 147. 1968.

From Corbet's Gap to Rangala, 15.2.1978, boulder in rather open forest, R 15/53.

Cosmopolitan.

Plagiomnium rhynchophorum (Hook.) Kop., Hikobia, 6 : 57. 1971.

Mount Pidurutalagala, 20.2.1978, on tree base, R 20/53.

South East Asia.

Physcomitrium eurystomum Sendt, Denksch. Bayer Bot. Ges. Regensb. 3 : 142. 1841.

From Corbet's Gap to Rangala, 15.2.1978, R 15/29.

Lower Bengal, Kumaon, Vietnam (Bac Bo), Taiwan, China, Japan, Europe, Central and South Africa.

Funaria hygrometrica Hedw., Spec. Hep. 172. 1801.

Adam's Peak, Carney Side, 23.2.1978, R 23/117.

Cosmopolitan.

Rhizogonium spiniforme (Hedw.) Bruch., Flora. 29 : 134. 1846.

Knuckles from Lebanon Estate, 12.2.1978, forest near the brook, R 12/100.

Cosmopolitan in tropical regions.

Hypnodendron dendroides (Brid.) Touw, Blumea 19, 2 : 320. 1971.

Adam's Peak, Carney side, 23.2.1978, boulder near the brook, R 23/114,
R 23/163.

From Sri Lanka to Pacific Islands.

Bartramidula roylei (Hook. f.) B.S.G., Bryo. Europ. 4 : 55. 1846.
Thalduwa, 5.2.1978, boulder on rain track, R 5/26.

Sri Lanka, Himalaya, Luzon.

Philonotis hastata (Duby) Wijk & Marg., Taxon 8 : 74. 1959.

Karawanella, 5.2.1978, side of wall under house, R 5/33 - Yatiyantota,
5.2.1978, R 5/41 - Midlands, 10.2.1978, part of roadside bank with
little vegetation, R 10/? - Corbets Gap to Rangala, bare roadside
bank, 15.2.1978, R 15/9 - Adam's Peak, 22.2.1978, path side under
shrubs, R 22/121 - Nawalakanda and Kodipillikanda, 25.2.1978, bare
rock, road side, R 25/2.

Pantropical.

Philonotis mollis (Doz. & Molk.) Mitt., J. Linn. Soc. Bot. Suppl.
1 : 60. 1859.

Thalduwa, 5.2.1978, road side bank under rubber estate, R 5/2 -
Kadugannava, 7.2.1978, wet rock, R 7/105 - Rangala to Corbets Gap
13.2.1978, boulder beside small waterfall, R 13/25 - Horton Plains,
World's End road, 17.2.1978, roadside bank under forest, R 17/20-1

From Madagascar to Japan.

Philonotis revoluta Bosch & Lac., Bryol. Jav. 1 : 158. 1861.

Maharagama, 6.2.1978, side of wall in garden, R 6/60. - From Rangala
to Corbet's Gap, 13.2.1978, on boulder in waterfall, R 13/29 - Sinha-
raja Forest, 24.2.1978, sandy roadside bank under forest, R 24/7.

Sri Lanka, Sumatra, Java, Luzon, Vietnam.

Philonotis secunda (Doz. & Molk.) Bosch & Lac., Bryol. Jav. 1 : 156.
1861.

Midlands, 10.2.1978, wet rock clefts, R 10/103, roadside bank R 10/136,
wet earth, R 10/121 - From Rangala to Corbet's Gap, 13.2.1978,
R 13/4-2.

Sri Lanka, South India.

Macromitrium fasciculare Mit., J. Linn. Soc. Bot. Suppl. 1 : 51.1859

From Corbet's Gap to Rangala, 15.2.1978, boulder path side, R 15/37-1.
Horton Plains, Worlds End road, 17.2.1978, on *Rhododendron*, R 17/5; Horton
Plains, Ohiya Road, 18.2.1978, tree, R 18/87-2.

Sri Lanka, Java, Philippines.

Macromitrium fulvum Mitt., J. Linn. Soc. Bot. Suppl. 1 : 52. 1859.

Mount Pidurutalagala, 20.2.1978, tree rather shaded, R 20/9, , idem,
R 20/15-2 Adam's Peak, from Moray Estate, 22.2.1978, tree trunk, R 22/79
Adam's Peak, Carney Side, 23.2.1978, tree trunk, R 23/123-3.

Sri Lanka.

Macromitrium minutum Mitt., J. Linn. Soc. Bot. 13. 303. 1873.

From Corbet's Gap to Rangala, 15.2.1978, old tea estate on trunk, R 15/
42- - Hakgala Garden, 19.2.1978, side on boulder, R 19/127 - Adam's
Peak from Moray estate, 22.2.1978, trees, R 22/6-5.

Sri Lanka, Perak, Java.

Macromitrium nigricans Mitt., J. Linn. Soc. Bot. Suppl. 1 : 53.1859.

Adam's Peak, Carney Side, 23.2.1978, R 23/172.

Sri Lanka.

Macromitrium schmidii C. Muell., Bot. Zeit. 11 : 61. 1853.

Knuckles from Lebanon Estate, 12.2.1978, R 12/70- Hakgala Gardens,
19.2.1978, tree base, R 19/134-1 - Mount Pidurutalagala, 20.2.1978,
on *Rhododendron* near the summit,

Sri Lanka, Nilgiri.

Macromitrium sulcatum (Hook.) Brid., Bryol. Univ. 1 : 319. 1826.

Midlands, 10.2.1978, R 10/165-1 - Sabuku, 11.2.1978, on shade tree,
R 11/7 - Hunasgiriya Kande, tea estate, 11.2.1978, dry boulder, R 11/
51, branches over brook, R 11/15-3 - Knuckles from Lebanon Estate,
12.2.1978, path side, on 'dead tree, R 12/123-1 - From Rangala to
Corbet's Gap, 13.2.1978, on boulder, R 13/40-2 - From Corbet's Gap to
Rangala, 15.2.1978, tree, R 15/11-2 fallen branch, R 15/30-2, low on
rock shaded, R 15/39-1, tree, R 15/40-2, rock, R 15/41 - Adam's Peak,
Carney Side, 23.2.1978, on boulder, R 23/119.

From Madagascar to Malesia.

Macromitrium sulcatum (Hook.) Brid., var. *torulosum* (Mitt.) P.Tx.
Ceylon J. Sci. (Biol. Sci.) 11, 2 : 127. 1975.

Hunasgiriya Kande, 11.2.1978, forest scrub, R 11/45-2 - Knuckles from
Lebanon estate, 12.2.1978, decaying tree, R 12/141, R 12/145.

Sri Lanka.

Macromitrium zollingeri Mitt. ex Bosch & Lac., Bryol. Jav. 1: 113.
1859.

Hakgala Garden, 19.2.1978, side of boulder, R 19/128-1.

Synonym of *M. contortum* fide Fleischer.

Sri Lanka, Southern Indochina, Malaya, Java, Lombok.

Groutiella tomentosa (Hornsch.) Wijk & Marg., Taxon 9 : 51. 1960.

Horton Plains, World's End road, 17.2.1978, on tree, R 17/9.

Cosmopolitan.

Schlotheimia grevilleana Mitt., J. Linn. Soc. Bot. Suppl. 1 : 53. 1859
Hunasgiriya Kande, 11.2.1978, dead branch, R 11/44 - Hakgala Gardens,
21.2.1978, on stones,

From Africa to India and Malesia.

Racopilum orthocarpum Wils. ex Mitt., J. Linn. Soc. Bot. Suppl. 1 :
136. 1859.

From Corbet's Gap to Rangala, 15.2.1978, between shrubs and path, R15/7
From Rangala to Corbet's Gap, 13.2.1978, stem of tea bush, R 13/3.
rock near brook, R 13/36.

South East Asian continental species.

Glyptothecium sciuroides (Hook.) Hampe., Linnaea 30 : 637. 1859.

Horton Plains, Ohiya road, 18.2.1978, open place between and forest,
R 18/84-1.

From Sri Lanka to Indochina, Western Malesia and Australasia.

Trachypodopsis serrulata (P.Beauv.) Fleisch. var. *crispatula* (Hook.) Zant., Blumea 9, 2 : 521. 1959.

Horton Plains, World's End road, 17.2.1978, top of roadside bank ~~17/26-1~~, moss covered tree, R 17/62 - idem, Little World's End road, 17.2.1978, roadside bank under forest, R 17/29-2.

Sri Lanka, Nepal, Indochina, China, Formosa, Malesia, Mexico.

Trachypus bicolor Reinw. & Hornsch., Nov. Act. Ac. Leop. Car. 14, 2 : 708, 1829.

Knuckles from Lebanon Estate, 12.2.1978, dry boulder in brook, R 12/65-3, wall beside path, R 12/66 - From Rangala to Corbet's Gap, Wall under tea plantation, 13.2.1978, R 13/16 - From Corbet's Gap to Rangala 15.2.1978, R 15/16 - Horton Plains, Ohiya road, 18.2.1978, exposed tree low, R 18/90-2 - Hakgala forest, 19.2.1978, branch, R 19/166 - From Nuwara Eliya to Pidurutalagala, 20.2.1978, on rotten wood, R 20/11 20/20 - Adam's Peak from Moray Estate, 22.2.1978, R 22/5-1.

Pantropical.

Trachypus humilis Lindl. var. *tenerrimus* (Herz.) Zant., Blumea, 9, 2 509.1959.

Knuckles from Lebanon Estate, 12.2.1978, on tea bush, R 12/63-22- Horton Plains, Little World's End road, 17.2.1978, grassland, R 17/5- Hakgala Gardens, 21.2.1978, thin tree trunk, R 21/6.

Sri Lanka, India, Korea, Japan, Hawaii.

Myurium rufescens (Reinw. & Hornsch.) Fleisch., Musci Fl. Buitenzorg 3 : 672. 1906.

Horton Plains, Diyagama road, 17.2.1978, on *Rhododendron*, R 17/47-1.

Sri Lanka, Palni Hills, Western Malesia, China, Japan, Australia, New Caledonia.

Trachyloma indicum Mitt., J. Linn. Soc. Bot. Suppl. 1 : 91. 1859.

Sudugala, Adam's Peak Wilderness, 26.2.1978, on boulder, R 26/24-1.

From Sri Lanka to Moluccas and New Guinea.

Pterobryopsis aurantia (C. Muell.) Fleisch., Hedwigia 45 : 57. 1905.

Hunasgiriya Kande, forest, 11.2.1978, branches over brook, R 11/15-2.

Sri Lanak.

Pterobryopsis crassicaulis (C. Muell.) Fleisch., Hedwigia 45 : 57.1905

Ritigale, 9.2.1978, on boulder, R 9/152-1.

Sri Lanka, Southern Indochina, Western Malesia.

Pterobryopsis frondosa (Mitt.) Fleisch., 45 : 60. 1905.

Midlands, 10.2.1978, R 10/146.

Sri Lanka, Nilgiri.

Pterobryopsis schmidii (C. Muell.) Fleisch., Hedwigia 45 : 61. 1905.

Horton Plains, Little World's End road, 17.2.1978, R 17/18, tree branch, R 17/28-3, exposed tree R 17/45-2- Horton Plains, Ohiya road, 18.2.1978, on trees, R 18/76 - Hakgala Gardens, 21.2.1978, tree at 3 m, R 21/19.

Sri Lanka and South India.

Garovaglia powelli Mitt. ssp. *densifolia* (Thw. & Mitt.) During, Bryop. Bibl. Sinharaja Forest, 24.2.1978, thin branch, R 24/40.

Sri Lanka, Nepal, Vietnam, Laos, Thailand, Sumatra.

Symphysodontella involuta (Thw. & Mitt.) Fleisch., Musci Fl. Buitenzorg 4 : 1674. 1923.

Hunasgiriya Kande, 11.2.1978, young tree near boulder, R 11/24-2 - Knuckles from Lebanon Estate, 12.2.1978, on tree, R 12/115-1 - From Rangala to Corbet's Gap, 13.2.1978, thin tree trunk, R 13/52-1.

Sri Lanka, South India.

Papillaria cuspidifera (Tayl.) Jaeg., Ber. S. Gall Naturw. Ges. 1875-76: 271. 1877.

Mount Pidurutalagala, 20.2.1978, on tree, R 20/1.

Sri Lanka, Nilgiri.

Papillaria feae Fleisch., Musci Fl. Buitenzorg 3 : 761. 1907.

From Rangala to Corbet's Gap, 13.2.1978, on shrub, R 13/53.

Sri Lanka, India, Burma, Thailand, Vietnam.

Papillaria flexicaulis (Wild.) Jaeg., Ber. S. Gall. Naturw. Ges.
1875-76: 2711. 1877.

From Rangala to Corbet's Gap under tea bush, 13.2.1978, R 13/23 - From Corbet's Gap to Rangala, 15.2.1978, hanging on rock, not shaded place, R 15/15, on boulder R 15/12-3.

Sri Lanka, India, Formosa, Malesia, Australasia, New Zealand, Chile.

Papillaria fuscescens (Hook.) Jaeg., Ber. S. Gall. Naturw. Ges.
1875-76 : 270. 1877.

Midlands, 10.2.1978, loose between plants on roadside bank, R 10/149-1-
Hunasgiriya Kande, 11.2.1978, on shrub, R 11/45-1 - Horton Plains,
Little World's End road, 17.2.1978, rock more shaded, R 17/25-4.

Sri Lanka, India, Himalaya, Indochina, Malesia, New Guinea.

Papillaria semitorta (C. Muell.) Jaeg., Ber. S. Gall. Naturw. Ges.
1875-76 : 271. 1877.

Hakgala Forest, 19.2.1978, branches, R 19/143.

Sri Lanka, Himalaya, India, Western Malesia, China, Formosa.

Meteorium miquelianum (C. Muell.) Fleisch. ex Broth., Nat. Pfl.
1. 3.: 818. 1907.

Sinharaja Forest, 24.2.1978, hanging mosses, R 24/42.

Sri Lanka, North India, Malesia, Australia, Oceania.

Aerobryopsis wallichii (Brid.) Fleisch., Musci. Fl. Buitenzorg 3 :
789. 1907.

Ritigale more or less loose on boulder, 9.2.1978, R 9/155 - Midlands,
10.2.1978, dry rock, 10/125-1 - Knuckles from Lebanon Estate, 12.2.
1978, on ground and beside stones, R 12/69- Hakgala Gardens and Forest
reserve, 19.2.1978, R 19/128-2, side of boulder, R 19/128-2, moss
covered tree, R 10/149-2- Adam's Peak from Moray Estate, 22.2.1978,
on ground between bamboos, R 22/13-2 - Sinharaja forest, 24.2.1978, thin
branch, R 24/48-1.

From Sri Lanka to Pacific Islands.

Aerobryidium aureo-nitens (Schwaegr.) Broth., Nat. Pfl. 1,3:820.1906.

From Rangala to Corbet's Gap, 13.2.1978, in forest above rock, *R* 13/43, on tree, *R* 13/60, above rock, *R* 13/37, on earth *R* 13/43 - Horton Plains, Ohiya road, 18.2.1978, on tree, *R* 18/74-4 - Sinharaja Forest, 24.2.1978, thin forest, *R* 24/14.

From Sri Lanka to Thailand.

Aerobryidium filamentosum (Hook.) Fleisch. ex Broth., Nat. Pfl. 1.3. 821.1906.

Knuckles from Lebanon Estate, 12.2.1978, tea bush, *R* 12/63-1 - From Corbet's Gap to Ranagala, 15.2.1978, boulder, *R* 15/12-2 - Hakgala, 19.2.1978, hanging moss, *R* 19/151 - Nuwara Eliya to Mount Pidurutalagala 20.2.1978, upon wall under shrub, *R* 20/3 - Hakgala forest and garden, 21.2.1978, stone in flower bed, *R* 21/28.

From Sri Lanka, Indochina, to Western Malesia, Formosa and China.

Neobarbella comes (Griff.) Nog., J. Hattori Bot. Lab. 3 : 73.1948.

Ella Hakgala, 19.2.1978, fallen branch, *R* 141-2 - Hakgala Gardens, 21.2.1978, between shrubs, *R* 21/15.

Sri Lanka.

Barbella enervis (Thw. & Mitt.) Fleisch. in Nat. Pfl. 1,3: 824.1906.

Horton Plains, World's End road, 17.2.1978, path side, *R* 17/31.

Sri Lanka, India, Himalaya, Indochina, Malesia, China, Formosa, Japan.

New Guinea, Australia, New Caledonia, Lord Howe Islands.

Barbella flagellifera (Gard.) Noguchi, J. Jap. Bot. 14: 28.1938.

Hunasgiriya Kande, 11.2.1978, tea bush, *R* 11/8-1 - Horton Plains, Diyagama road, 17.2.1978, tree, *R* 17/35-4 - Horton Plains, Ohiya road, 18.2.1978, thin tree trunks, forest border, *R* 18/69.

Sri Lanka, India, Burma, Indochina, Western Malesia, Formosa, Japan.

Floribundaria aurea (Mitt.) Broth. ssp. *aurea* Nat. Pfl. 1.3:822.1906.

Adam's Peak, Carney side, 23.2.1978, on ground between shrubs, hanging, *R* 23/128, hanging on a boulder, *R* 23/138-1.

Sri Lanka, Himalaya, Burma, Java, Borneo, Philippines, Formosa, China.

Floribundaria floribunda (Doz. & Molk.) Fleisch., 44:302.
1905.

Ritigale, 9.2.1978, on wood, *R* 9/137, on boulder, *R* 9/137 - From
Rangala to Corbet's Gap, 13.2.1978, on wood, *R* 13/22 - Horton Plains
Ohiya road, 18.2.1978, hanging on tree stumps, *R* 18/103.

From Madagascar to Japan, Oceania.

Chrysocladium retrorsum (Mitt.) Fleisch., Musci Fl. Buitenzorg 3 :
829.1907.

From Corbet's Gap to Rangala, 15.2.1978, boulder, path side, *R* 15/37-3-
Horton Plains, Diyagama road, 17.2.1978, tree *R* 17/9-2, *R* 17/35-1-
Horton Plains, Little Worlds End road, 17.2.1978, on tree, *R* 17/32.

Sri Lanka, India, Vietnam, China, Formosa, Japan.

Meteoriopsis reclinata (C.Muell.) Fleisch. in Broth., Nat. Pfl. 1,
3.826. 1906.

From Corbet's Gap to Rangala, 15.2.1978, on boulder, *R* 15/12-1.

Sri Lanka, Nepal, India, Philippines, China, Formosa, Japan, Thailand.

Meteoriopsis reclinata (C.Muell.) Fleisch. var. *ceylonensis* Fleisch.
Musci Fl. Buitenzorg 3 : 834. 1907.

Knuckles from Lebanon Estate, 12.2.1978, boulder in brook, *R* 12/65-1-
Horton Plains, World's End road, 17.2.1978, boulder beside the path,
R 17/12.

Sri Lanka, Himalaya, India, China, Philippines, Java.

Aerobryum willisii Fleisch., Musc Fl. Buitenzorg 3 : 846. 1908.

Sudugala, Adam's Peak Wilderness, 26.2.1978, *R* 26/129.

Sri Lanka, endemic?

Orthorrhynchium nietneri C. Muell., Linnaea 36 : 28. 1869.

Hakgala gardens and forest reserve, 19.2.1978, on tree, *R* 19/113.

Sri Lanka.

Calyptothecium ~~uv~~villeanum (C. Muell.) Broth., Nat. Pfl. 1,3: 839. 1906.

Ritigale, 9.2.1978, boulder, R 9/151 - - Hunasgiriya Kande, 11.2.1978, forest, R 11/50-2 - From Corbet's Gap to Rangala, 15.2.1978, on rock, R 15/13.

From Sri Lanka to Pacific Islands.

Calyptothecium wightii (Mitt.) Fleisch., Hedwigia 45 : 62. 1905.

Kitulgala Rest House, 5.2.1978, on tree, R 5/48 - Adam's Peak, Carney side, 23.2.1978, on tree 2-3 m, R 23/117.

South East Asia.

Neckeropsis andamana (C. Muell.) Fleisch., Musci. Fl. Buitenzorg 3 : 878. 1904.

Kitulgala Rest House, 5.2.1978, on tree, R 5/46 - Nawalakande and Kodipillikande, 25.2.1978, hanging on big boulder in brook, R 25/19.

Sri Lanka, India, Andaman Islands, Indochina, Java, Luzon.

Neckeropsis lepineana (Mont.) Fleisch., Musci. Fl. Buitenzorg 3 : 874. 1904.

Ritigala, 600 m., 9.2.1978, on trunk, R 9/146 - Adam's Peak, Carney side, 23.2.1978, on tree trunk, R 23/175.

From East Africa to Pacific Islands.

Himantocladium flaccidum Fleisch., Musci. Fl. Buitenzorg 3 : 887. 1908.

Ritigale, 9.2.1978, on boulders, R 9/125.

South East Asia.

Himantocladium rugulosum (Mitt.) Fleisch., Musci Fl. Buitenzorg 3 : 886. 1907.

Ritigala, 9.2.1978, on boulders and trees, R 9/160 - Sinharaja forest, 24.2.1978, on boulder, R 24/39 - Nawalakande and Kodipillikande, 25.2.1978., tree base, R 25/16 - Sudugala, Adam's Peak Wilderness, 26.2.1978, R 26/2-4.

Sri Lanka.

Homaliiodendron flabellatum (Sm.) Fleisch., Hedwigia 45 : 74. 1906.
Knuckles from Lebanon Estate, 12.2.1978, R 12/105 - From Corbet's
Gap to Rangala, 15.2.1978, exposed tree trunk, R 15/25-4 - Horton
Plains, Little World's End road, 17.2.1978, tree base, R 19/111-1, R 19/111-2.

From Western Nepal to Japan, Malanesia and Hawaii.

Thamnobryum subseriatum (Hook.) Nog. & Iwat., J.Hattori Bot. Lab,
36 : 470. 1972.

Ritigale, 9.2.1978, on boulders, R 9/138 - Horton Plains, Little World
End road, 17.2.1978, boulder near the brook, R 17/61.

Widespread species.

Elmeriobryum philippinense Broth., Leaflet. Philip. Bot. 6 : 974.1915.

Adam's Peak, Carney side, 23.2.1978, hanging on a boulder (same station
as in Luzon, R 23/?

Endemic of Luzon.

Dixonia thamnoides (Broth. & Dix.) Hor. & Ando, Nat. Life S.E.Asia,
2 : 23.

Ritigale, 300m., 9.2.1978, R 9/142 - Mount Pidurutalagala, 20.2.1978,
upper side overhanging tree, R 20/44.

Sri Lanka, Himalaya, Thailand.

Isothecium cf. ceylonense Fleisch., Musci Fl. Buitenzorg, 3 : 942.
1908.

Hakgala Gardens, 19.2.1978, tree base, R 19/122-3.

Sri Lanka.

Distichophyllum cuspidatum Doz. & Molk., Musc. Frond. Ined. Archp.
Ind. 101. 1846.

Sri Pada, 22.2.1978, on wet rocks, R 22/108 - Sinharaja Forest, 24.2.
1978, on thin branches, R 24/48-2.

Sri Lanka, Sumatra, Java, Borneo, Thailand, Vietnam, New Guinea, Caro-
line Islands, New Caledonia, Society Islands.

Distichophyllum mittenii Bosch & Lac., Bryol. Jav. 2 : 25. 1861.

Adam's Peak from Moray Estate, 22.2.1978, decaying tree, R 22/50-3.

Sri Lanka, Cambodia, Malaya, Java, Taiwan, Palawan, Aneitum, New Caledonia.

Distichophyllum montagneum (C.Muell.) Bosch & Lac., Bryol. Jav. 2: 23. 1863.

Knuckles from Lebanon Estate, 12.2.1978, boulder in a dry brook, R 12/143.

Sri Lanka, Java.

Hookeriopsis secunda (Griff.) Broth., Nat. Pfl. 1, 3: 942. 1907.

Hakgala gardens and forest reserve, 19.2.1978, on tree roots, R 19/118.

Sri Lanka, Khasia Hills.

Hookeriopsis purpurata (Mitt.) Broth., Nat. Pfl. 1, 3 : 941. 1907.

From Corbet's Gap to Rangala, 15.2.1978, on boulder in a rather open forest, R 15/52 - Mount Pidurutalagala, 20.2.1978, tree base, R 20/33-Adam's Peak from Moray Estate, 22.2.1978, attached to a stone, R 22/42-1.

Sri Lanka, Sikkim.

Callicostella prabaktiana (C. Muell.) Bosch & Lac., Bryol. Jav. 2 : 40. 1862.

Sinharaja Forest, 13.2.1978, on the top of a wet rock, near brook, R 13/69.

From Sri Lanka to Pacific Islands.

Chaetomitrium papillifolium Bosch & Lac., Bryol. Jav. 2 : 50. 1862.

Kitulgala Rest House, 5.2.1978, R 5/49 - Hakgala forest, 19.2.1978, thin branches, R 19/145.

Sri Lanka, Andaman Islands, Indochina, Western Malesia.

Lopidium struthiopteris (Brid.) Fleisch., Musci Fl. Buitenzorg
3 : 1079. 1908.

Ritigale, 9.2.1978, on stones, R 9/9 - Horton Plains, Little World's
End road, 17.2.1978, R 17/10-R, R 17/12-1, R 12/60-1.

From Sri Lanka to Pacific Islands.

Hypopterygium tenellum C. Muell., Bot. Zeit. 12 : 557. 1854.

From Corbet's Gap to Rangala, 15.2.1978, boulder in rather open forest,
R 15/53 - Hakgala gardens and forest, 19.2.1978, on tree base, R 19/111
-1, R 19/111-2 mould on rock, R 19/158.

From Madagascar to New Caledonia.

Pelekium velatum Mitt., J. Linn. Soc. Bot. 10 : 1876. 1868.

Hakgala Gardens, 21.2.1978, decaying tree trunks, R 21/7.

From Nepal to Pacific Islands.

Thuidium cymbifolium (Doz. & Molk.) Doz. & Molk., Bryol. Jav. 2 : 115.
1865.

Hunasgiriya Kande, 5.2.1978, stone on path, R 5/9 - From Rangala to
Corbet's Gap, 13.2.1978, on moist rock, R 13/12 - Adam's Peak, Carney
Side, 23.2.1978, between shrubs, R 23/126 - Horton Plains, Worlds End
road, R 17/31 - From Corbet's Gap to Rangala, 15.2.1978, boulder on
path side, R 15/37-2.

From Himalaya to Japan and Oceania.

Thuidium glaucinum (Mitt.) Bosch & Lac., Bryol. Jav. 2 : 117. 1865.

Midlands, 10.2.1978, on stone, R 10/26 - From Rangala to Corbet's
Gap, 13.2.1978, under tea bushes, R 13/14 - - From Corbet's Gap to
Rangala, 15.2.1978, small boulder, R 15/24 - , boulder path side, R 15/
37-3 Adam's Peak from Moray Estate, 22.2.1978, tree base, R 22/114.

Widespread in South and East Asia.

Thuidium meyenianum (Hampe) Doz. & Molk., Bryol. Jav. 2 : 121.
1865.

Ritigale, 9.2.1978, R 9/105, on stone on path, R 9/113, R 9/114-2.

From Nepal to Oceania.

Haplohymenium pseudo-triste (G.Muell.) Broth., Nat. Pfl. 1,3,2 : 986. 1907.

Ritigala, 9.2.1978, on vertical rock, R 9/118.

Sri Lanka, Northern Vietnam (Bac Bo) , South Africa, Australia, New Zealand.

Herpetineuron toccae (Sull. & Lesq.) Card., Beih. Bot. Centralbt. 19, 2 : 128. 1905.

From Corbet's Gap to Rangala, 15.2.1978, boulder, R 15/19.

Cosmopolitan.

Homalothecium nilgheriense (C. Muell.) Robinson, Bryologist 65: 99. 1962.

Horton Plains, Diyagama road, 17.2.1978, beside brook, R 17/63-4, on stone and wood in ditch with water, R 17/53 - Hakgala Gardens, 21.2.1978, on tree, R 21/32.

From Madagascar to Himalaya, Sri Lanka, South India, Java, Philippines, China.

Rhynchostegiella humillima (Mitt.) Broth., Nat. Pfl. 1,3 : 1161. 1909.

Ritigala, 9.2.1978, dead wood, R 9/128.

Garhwal, Western Ghats, Nilgiri, Sri Lanka.

Trachyphyllum inflexum (Harv.) Gpp. in Hiern., Cast. Welw. Afr. Pl. 2,2 : 299. 1901.

Peradeniya Gardens, 12.2.1978, on roots of *Couroupita guianensis* , R 12/52.

From South Africa to New Caledonia.

Campylodontium flavescens (Hook.) Bosch & Lac., Bryol. Jav. 2 : 128. 1865.

Ella..... Hakgala, gardens and forest, 19.2.1978, tree base, R 19/119-3, R 19/112- Horton Plains, Little World's End road, 21.2.1978, on boulder, R 21/24.

From Madagascar to Queensland.

Gammiella capillacea (Griff.) P. Tx., Rev. Bryol. Lichenol. 43,4 : 439. 1977.

From Corbet's Gap to Rangala, 15.2.1978, **on trees**, R 15/40-4 - Horton Plains, Little Worlds End road, 17.2.1978, hanging on tree trunk, R 17/50.

From Sri Lanka to New Caledonia.

Meiothecium microcarpum (Hook.) Mitt., J. Linn. Soc. Bot. 10 : 185. 1868.

Hunasgiriya Kande, 11.2.1978, roots of *Reythryceum guianensis*, R 11/53

From Sri Lanka to Japan and Pacific Islands.

Warburgiella leptorrhynchoides (Mont.) Fleisch., Musci Fl. Buitenzorg 4 : 1253. 1923.

Nuwara Eliya to Mount Pidurutalagala, 20.2.1978, on trunk, R 20/4 - Sri Pada, 22.2.1978, on tree base, R 22/57-1.

Sri Lanka, Nilghiri, Sumatra.

Sematophyllum caespitosum (Hedw.) Mitt., J. Linn. Soc. Bot. 12 : 79. 1869.

Kitulgala Rest House, 5.2.1978, on tree, R 5/47.

Cosmopolitan.

Sematophyllum pilotrichelloides Card & Dix., Rec. Bot. Surv. India. 6: 88.1914.

Knuckles from Lebanon Estate, 12.2.1978, on tree, R 12/125.

Sri Lanka, endemic.

Sematophyllum subhumile (C. Muell.) Fleisch., Musci Fl. Buitenzorg 4 : 1264.1923.

Midlands, 10.2.1978, low on dry rock, R 10/128 - Sri Pada, 22.2.1978, on tree, R 22/6-4.

Sri Lanka, Nilghiri, Indochina, China, Philippines, Sumatra, Java.

Raphidostichum ramulinum (Thw. & Mitt.) Broth. fide Fleischer, Musci Fl. Buitenzorg 4 : 1312. 1923.

Knuckles from Lebanon Estate, 12.2.1978, branchlet R 12/86.

Sri Lanka, endemic.

Acroporium hamulatum Fleisch., Musci Fl. Buitenzorg 4 : 1294. 1923.

Horton Plains, Diyagama road, 17.2.1978, on tree trunk, R 17/34-4-
From Nuwara Eliya to Maskeliya, 22.2.1978, on stone and stone in path
side, R 22/17-2 - - Sudugala, Adam's Peak Wilderness, 26.2.1978, decaying tree, R 26/19.

From Sri Lanka to Pacific Islands.

Acroporium hermaphroditum (C. Muell.) Fleisch., Musci Fl. Buitenzorg 4 : 1292. 1923.

Hunasgiriya Kande, 11.2.1978, on tree root, R 11/25-1 - Horton Plains,
Little Worlds End road, 17.2.1978, R 17/49 - From Nuwara Eliya to
Maskeliya, 22.2.1978, on top of tree stumps, R 22/23 , on tree trunk,
R 22/29 - Adams Peak from Moray Estate, 22.2.1978, thickly mossed
boulder, R 22/47-2.

From Sri Lanka to New Caledonia.

Acroporium punctiliferum (Thw. & Mitt.) Fleisch., Musci Fl. Buitenzorg 4 : 1274. 1923.

From Nuwara Eliya to Maskeliya, 22.2.1978, on tree, R 22/63 - Sinharaja Forest, 24.2.1978, on rock, R 24/43 - on dead tree, R 24/74.

Sri Lanka, endemic.

Acroporium sigmatodontium (C. Muell) Fleisch., Musci Fl. Buitenzorg 4 : 1281. 1923.

Knuckles from Lebanon Estate, 12.2.1978, decaying tree, R 12/141- Mount
Pidurutalagala, 20.2.1978, fallen branchlet, R 20/49 - Adam's Peak
from Moray Estate, 22.2.1978, on bamboo, R 22/12.

Sri Lanka, Sumatra, Java, New Guinea, Tahiti.

Trichosteleum hamatum (Doz. & Molk.) Jaeg., Ber. S. Gall. Naturw. Ges. 1876 - 77 : 420. 1878.

Sinharaja Forest, 24.2.1978, decaying tree trunk R 24/129-2 - Sudugala,
Adam's Peak Wilderness, 26.2.1978, decaying, R 26/19.

From Sri Lanka to Pacific Islands.

Trichosteleum monostichum (Thw. & Mitt.) Broth., Rec. Bot. Surv. India 1: 326. 1899.

Adams Peak from Moray Estate, 22.2.1978, decaying wood, R 22/25.

Sri Lanka.

Trichosteleum stissophyllum (Hampe) Jaeg., Ber. S. Gall Naturw. Ges. 1876-77: 417. 1878.

Sinharaja Forest, 24.2.1978, liana, R 24/120 - Sudugala, Adam's Peak Wilderness, 26.2.1978, R 26/9.

Sri Lanka, Malesia.

Taxithelium nepalense (Schwaegr.) Broth., Monsunia 1 : 51, 1899.

Kitulgala, Rest House, 5.2.1978, 5.12.1978, 5 5/12 - Maharagama, 6.2.1978, foot of coconut tree, R 6/62, R 6/63-1.

From Central Africa and Madagascar to Pacific Islands.

Ectropothecium buitenzorgii (Bel.) Mitt., J. Linn. Soc. Bot. 10: 180, 1868.

Knuckles from Lebanon Estate, forest, 12.2.1978, young tree, R 12/102 - Ella.... Hakgala gardens, 19.2.1978, lying on ground, R 19/169 - From Nuwara Eliya to Maskeliya, 22.2.1978, decaying tree trunk, R 19/169 - Adams Peak from Moray Estate, 22.2.1978, wet rock, R 22/106 - Nawalakande and Kodipillikanda, 25.2.1978, on soil, R 25/7, hanging on big boulder in brook, R 25/18.

From Southern India to Eastern Malesia and Melanesia.

Ectropothecium chamissonis (Hornsch.) Jaeg., Ber. S. Gall Naturw. Ges. 1877-78, 1880 (Ad. 2 : 58).

Sinharaja Forest, 24.2.1978, fallen tree, R 24/121.

Moluccas, Banka.

Ectropothecium cyperoides (Hook.) Jaeg., Ber. S. Gall. Naturw. Ges. 1877-78: 259. 1880.

Hakgala gardens, 19.2.1978, on tree, R 19/109.

Sri Lanka, Himalaya, Southern India to Pacific Islands.

Ectropothecium dealbatum (Reinw. & Hornsch.) Jaeg., Ber. S. Gall Naturw. Ges. 1877-78: 264. 1880.

Adams Peak, Carney side, 23.2.1978, hanging on boulder, R 23/139 -
 Sinharaja Forest, 24.2.1978, on boulder, R 24/25 - Nawalakanda
 and Kodipillikanda, 25.2.1978, on brook side, R 25/15 - Sudugala,
 Adams Peak Wilderness, 26.2.1978, decaying wood, R 26/142.

Sri Lanka, Sumatra, Java, Borneo.

Ectropothecium laevigatum Thw. & Mitt., J.Linn. Soc. Bot. 13 : 320.1873.

Hunasgiriya Kande, 11.2.1978, boulder on path side, R 11/22.

Sri Lanka, Vietnam.

Isopterygium albescens (Hook.) Jaeg., Ber. S. Gall. Naturw. Ges. 1876-77: 433. 1878.

From Corbet's Gap to Rangala, 15.2.1978, on stone, R 15/34.

From Southern India to New Zealand.

Isopterygium minutirameum (C.Muell.) Jaeg., Ber. S. Gall Naturw. Ges. 1876-77 : 434. 1878 (Ad. 2: 500).

From Rangala to Corbet's Gap, 13.2.1978, boulder near waterfall, R 13/58.

From Sri Lanka to Pacific Islands.

Isopterygium pohliaecatpum (Sull. & Lesq.) Jaeg., Ber. S. Gall Naturw. Ges. 1876-77 : 442. 1878.

Knuckles from Lebanon Estate, 12.2.1978, on stone, R 12/49 - Midlands,
 10.2.1978, rock clefts very moist, R 10/144-1.

Cosmopolitan.

Taxiphyllum taxirameum (Mitt.) Fleisch., Musci Fl. Buitenzorg 4 : 1435. 1923.

Mount Pidurutalagala, 20.2.1978, steep roadside bank, very shaded, R 20/43 -
 Adams Peak, from Moray Estate, 22.2.1978, tree base and roots, R 22/100.

Widespread in South and East Asia.

Vesicularia montagnei (Bel.) Fleisch. in Broth., Nat. Pfl. 1,2: 1094. 1909.

From Rangala to Corbet's Gap, 13.2.1978, tree base, R 13/65 - Sudugala, Adams Peak Wilderness, 26.2.1978, R 26/27.

Sri Lanka, Himalaya, Indochina, Malesia, Melanesia.

Vesicularia succosa (Mitt.) Broth., Nat. Pfl. 1,3 : 1904. 1909.

Sinharaja Forest, 24.2.1978, here and there on bare boulder, R 24/12.

Sri Lanka, Dalhousie-Cahamba, Central India.

Ctenidium ceylanicum Gard. in Fleisch. Musci Fl. Buitenzorg 4 : 1462. 1923.

Adams Peak from Moray Estate, 22.2.1978, big boulder, R 22/33.

Sri Lanka, endemic.

Ctenidium lychnites (Mitt.) Broth., Nat. Pfl. 1,3 : 1048.1909.

Horton Plains, Ohiya road, 18.2.1978, on tree, R 18/76 - Ella Hakgala, gardens and forest, 19.2.1978, roadside bank under overhanging grasses, R 19/121 - Hakgala forest and garden, 21.2.1978, stone of path, R 21/8 - Adams Peak from Moray Estate, 22.2.1978, path side under shrubs, R 22/120.

Sri Lanka, Naga and Khasia Hills, Southern India.

Microctenidium leveillanum (Doz. & Molk.) Fleisch., Musci Fl. Buitenzorg, 4 : 1465. 1923.

Ella..... Hakgala, gardens and forest, 19.2.1978, tree base, R 19/132.

Java.

Disphycium fasciculatum Mitt., J. Linn. Soc. Bot. Suppl. 1 : 150. 1859.

Sinha Raja Forest, 24.2.1978, shaded rock above brook, R 24/79-2.

Sri Lanka, endemic.

Disphycium involutum Mitt., J. Linn. Soc. Bot. Suppl. 1: 149. 1859.

Knuckles from Lebanon Estate, 12.2.1978, on stone, R 12/118 - Adams Peak, 22.2.1978, more or less dry brook, very moist in this moment, R 22/45.

Sri Lanka, South India (Palni Hills), Khasia Hills, Philippines.

Atrichum aculeatum Card. & Varde, Rev. Bryol. 50 : 25. 1923.

Thalduwa, 5.2.1978, roadside bank under rubber estate, R 5/20 - Adams Peak, Carney side, 23.2.1978, R 23/84 - Sinharaja Forest, 24.2.1978, sandy road side bank under forest, R 24/4, on rock, R 24/104 - Nawalakanda and Kodipillikanda, 25.2.1978, on brook side, R 25/4 - Adams Peak Wilderness, 26.2.1978, on rock, R 26/8.

Sri Lanka, Palni Hills.

Pogonatum junghuhnianum (Doz. & Molk.) Doz. & Molk., Bryol. Jav. 1 : 41. 1856.

Midlands, 10.2.1978, part of roadside bank with little vegetation, R 10/130 - Hunasgiriya Kanda, 11.2.1978, R 11/4 - Knuckles from Lebanon Estate, 12.2.1978, forest path side, R 12/81 - Adams Peak from Moray Estate, 22.2.1978, steep and bare roadside bank, R 22/20-2.

From Western Himalaya to Formosa and New Guinea.

Pogonatum microstomum (Schwaegr.) Brid., Bryol. Univ. 2 : 745. 1827.

Knuckles from Lebanon Estate, 12.2.1978, tea estate, R 12/60-1 - Mount Pidurutalagala, 20.2.1978, road side bank, R 20/8-2, tree rather shaded, R 20/10.

Sri Lanka, South India, Western Himalaya, China, Formosa, North of Vietnam (Bac Bo), Philippines.

BIBLIOGRAPHY

Tixier, P. 1975. A contribution to the knowledge of the Mountain Moss Flora of Sri Lanka. Ceylon J. Sci., Biol. Sci. 11, 2 : 123-134.

Tixier, P. 1975. Lejeuneaceae from Sri Lanka collected by D.D. Tirvengadam. Ceylon J. Sci., Biol. Sci. 12, 2 : 14 - 17.